

BUILDING INFORMATION
BUILDING SIZE: (5) 11'-9" X 60'-0"
SQUARE FOOTAGE: 3525 SQFT
BUILDING SETBACK: Greater than 10' to common line or property line
OCCUPANCY/USE GROUP: B-Buisness
OCCUPANT LOAD: (35)
TYPE OF CONSTRUCTION: V-B Combustible Unprotected
BUILDING LOCATION: WEST HAVEN, CONNECTICUT

BUILDING SPECIFICATIONS:

FRAME/FLOOR:
FRAME: (5) 11'-9" X 60'-0" PERIMETER
STEEL: M12x10.8 MAIN BEAM W/M8X6.5# CROSSMEMBERS @ 48" OC
AXLES: (4) 6,000LB UNDERSLUNG AXLES W/LOW RIDER TIRES
HITCH: BOLT ON REMOVABLE BALL HITCH
BARRIER: 1 MIL CROSS-WOVEN POLYPROPYLENE FABRIC UNDER SIDING
JOISTS: 2X6 SPF#2 LONGITUDINAL @ 16" OC SPACING
INSULATION: R-21 UN-FACED F/G
DECKING: (1) LAYER 3/4" PREMIUM OSB UNDERLAYMENT AT-1.05, 24" O.C SPAN, HELD BACK 11" FOR SITE SEAMING BY OTHERS
FINISH: 200Z COMMERCIAL CARPET "HARBOR COVE 49305"
1/8" VINYL TILE PER SHEET 'A-1' IN BATHROOMS, CLOSET

EXTERIOR WALLS:
STUDS: 2X6 #2 SPF OR BETTER @ 16"OC SPACING, 8'-3" HIGH
PLATES: SINGLE TOP PLATE & SINGLE BOTTOM PLATE
INSULATION: R-21 KRAFT-FACED F/G BATTS
FINISH: 1/2" VINYL COVERED GYPSUM "LOOMA BEIGE"

INTERIOR WALLS:
STUDS: 2X4 & 2X3 #2 SPF OR BETTER @ 16"OC SPACING, 8'-1" HIGH
PLATES: SINGLE TOP PLATE & SINGLE BOTTOM PLATE
INSULATION: R-13 UN-FACED
FINISH: 1/2" VINYL COVERED GYPSUM "LOOMA BEIGE"

INTERIOR TRIM:
COVE BASE: 4" VINYL COVE, EXCEPT 6" VINYL COVE BASE IN BATHROOMS
#CB-66 AZROCK, "PUTTY"
CEILING: WHITE SUSPENDED CEILING WALL ANGLE
WINDOWS: "WHITE" WOOD RETURN & CASING
INT DOORS: PRE-FINISHED WOODGRAIN JAMB & CASING

EXTERIOR FINISH:
SHEATHING: 7/16" OSB W/HOUSEWRAP
SIDING: .019" EMBOSSED ALUMINUM #5100 "COLONIAL WHITE"
MANSARD: NONE
TRIM: .019" EMBOSSED ALUMINUM @ TOP, BOTTOM & CORNERS
#6100 "INDIGO BLUE"
SKIRTING: (20) .019-ALUMINUM SHEETS "COLONIAL WHITE"

ROOF:
MATEBEAM: (1) 1-1/2", 2.0 LVL PER SHEET 'A1' MAX SPAN 36'-0" SEE SHEET A1 FOR NUMBER OF LAYERS & SIZE
RAFTERS: 2X8 #2 SPF OR BETTER ROOF RAFTERS @ 16"OC SPACING
DRAFTSTOP: SEE SHEET A1 FOR LOCATION OF ATTIC DRAFTSTOPPING (MINIMUM OF 1/2" GYPSUM OR 3/8" PARTICLEBOARD)
SHEATHING: 7/16" OSB W/ 1/4" DENS DECK SHEATHING
CEILING: 2X4 SUSPENDED CEILING W/DONN DXW GRID(USG RADAR 2X4 PANELS)
INSULATION: R-38c UN-FACED F/G
ROOFING: .060 EPDM RUBBER "BLACK"
MANSARD: NONE
EXHAUST: NONE
GUTTER: ALUMINUM J-RAIL ALONG LENGTH BOTH SIDES

WINDOWS:
SIZE/QNTY: (12) 3/0 X 4/0
TYPE: "WHITE" VINYL SINGLE HUNG VERTICAL SLIDER W/FIBERGLASS INSECT SCREEN

DESIGN LOADS
FLOOR (LIVE): 50 p.s.f. (LIVE) OPEN AREA: 70 P.S.F.
FLOOR (DEAD): 10 p.s.f.
CORRIDOR/FILE AREA: 100 p.s.f.
ROOF (LIVE): 30 p.s.f.
ROOF (GROUND SNOW): 40 p.s.f.
ROOF (DEAD): 10 p.s.f.
MAX. WIND LOAD: 110 m.p.h. @ exposure 'C'
SEISMIC ZONE: SDS = .291 (SEISMIC DESIGN CATEGORY 'C')
SD1 = .085 SITE CLASS = D

BUILDING SPECIFICATIONS (CONT'D):

GLAZING: DOUBLE INSULATED CLEAR LOW 'E' GLASS
BLINDS: 1" 'WHITE' HORIZONTAL METAL MINI, LEVELOR OR EQUAL

EXTERIOR DOORS:
SIZE/QTY: (1) 6/0 X 6/8
TYPE: 18GA COMMERCIAL STEEL DOUBLE DOOR W/18GA STEEL FRAME & 5" X 20" VISION PANEL (UP 43" TO BOTTOM)
SIZE/QTY: (1) 3/0 X 6/8
TYPE: 20GA PRE-HUNG COMMERCIAL STEEL DOOR W/18GA STEEL FRAME, 5" X 20" VISION PANEL (UP 43" TO BOTTOM)
HARDWARE: SEE SHEET 'A1' FOR DOOR HARDWARE

INTERIOR DOORS:
INT. DOORS: (11) 3/0 X 6/8 SOLID CORE PRE-FINISHED WOOD GRAIN W/TIMLEY STEEL FRAMES
HARDWARE: SEE SHEET 'A1' FOR DOOR HARDWARE

ELECTRICAL:
SERVICE: 120/240V SINGLE PHASE, 3 WIRE
PANEL: (4)100A (1) 150A MAIN BREAKER W/1-1/2" PVC SERVICE ENTRANCE
RACEWAY: ROMEX CABLE & PLASTIC BOXES (MC CABLE & METAL BOXES ABOVE SUSPENDED CEILING) (PER 2005 NEC)
LIGHTS (29) 2X4 FOUR-TUBE GRID MOUNTED FLUORESCENT FIXTURES W/T-5 LAMPS (28W) & PRISMATIC DIFFUSERS, BRONTECH 244 SERIES
(4) 2X4 TWO-TUBE GRID MOUNTED FLUORESCENT FIXTURES W/T-5 LAMPS (28W) & PRISMATIC DIFFUSERS, BRONTECH 244 SERIES

OCC SEN: (13) WATTSTOPPER DT-355 DUAL TECHNOLOGY CEILING SENSOR
EXT LIGHTS: (2) 13W FLUORESCENT EXTERIOR LIGHT (825 LUMENS) W/BATTERY BACKUP EMERGENCY FEATURE @ EVERY EXTERIOR DOOR (PHOTO-CELL CONTROLLED)

RECEPTS: 120V/15 AMP DUPLEX "WHITE" PER SHEET 'E1'
(3) 120V/15 AMP DUPLEX GFI IN BATHROOM "WHITE"
(3) 120V/15 AMP GFI BETWEEN HVAC UNITS "WHITE" W/IN USE WEATHERPROOF COVER
SWITCHES: "WHITE" 120V/15 AMP PER SHEET 'E1'
EXIT/EMER: (2) WALL MOUNTED LED EXIT/EMERGENCY LIGHTS W/BATTERY BACKUP

EMERG: DUAL HEAD EMERGENCY LIGHT W/BATTERY BACKUP
VOICE/DATA: (24) LOCATIONS W/SINGLE GANG BOXES AND 3/4" FLEXIBLE CONDUIT TO ABOVE CEILING FOR EQUIPMENT TO BE INSTALLED ON SITE BY OTHERS
FIRE ALARM: (2) LOCATIONS W/SINGLE GANG BOXES AND 3/4" EMT CONDUIT TO ABOVE CEILING FOR EQUIPMENT TO BE INSTALLED ON SITE BY OTHERS (NO COVER PLATES SUPPLIED)

MECHANICAL:
EQUIPMENT: (5) 38,000 BTU (3 TON) WALL MOUNTED CENTRAL NATURAL GAS HVAC UNIT W/68,000BTU HEAT, EER=10.0, AFUE=81%
BARD #W36G-AXBXXXXXX, R410g
SUPPLY: 26 GA GALVANIZED W/2" SOFTR (OR COMPARABLE) DUCT WRAP IN CEILING W/24" X 24" GRID MOUNTED ADJUSTABLE DIFFUSERS
RETURN: 26 GA GALVANIZED W/2" SOFTR (OR COMPARABLE) DUCT WRAP IN CEILING W/24" X 24" GRID MOUNTED ADJUSTABLE DIFFUSERS
EXHAUST: (2) 150CFM EXHAUST FAN IN RESTROOM
THERM: (5) 7-DAY WALL MOUNTED PROGRAMMABLE HEAT/COOL

THIS DRAWING HAS BEEN PREPARED FOR THE EXPRESS PURPOSE OF OUTLINING AND SPECIFYING THE DESIGN REQUIREMENTS OF OUR SUBSEQUENT PROPOSAL. THIS DRAWING MAY NOT BE REPRODUCED WITHOUT THE EXPRESS WRITTEN CONSENT OF MOBILE MODULAR EXPRESS, INC.

DRAWING ABBREVIATIONS
A.F.F. ABOVE FINISHED FLOOR
B.F.C. BELOW FINISHED CEILING
E.O.U. END OF UNIT DIMENSION
E.O.W. END OF WALL DIMENSION
F/G FIBERGLASS
GSL GROUND SNOW LOAD
PSF POUNDS PER SQUARE FOOT
U.O.N. UNLESS OTHERWISE NOTED

BUILDING SPECIFICATIONS (CONT'D):


PLUMBING:
CORNER: CPVC PIPE & FITTINGS
INSULATION: ALL PIPES TO BE INSULATED W/CLOSED CELL INSULATION GRAINGER #3F412 (R-4.1) OR COMPARABLE
WASTE: SCHEDULE 40 PVC PIPE & FITTINGS
HEATER: (1) 6-GALLON TANK TYPE WATER HEATER AMERICAN #LDCE31-06U
LAVATORY: (2) ADA ACCESSIBLE WALL HUNG CHINA W/4" SINGLE LEVER FAUCET
SINK: (1) 15" X 15" STAINLESS STEEL COFFEE BAR SINK ELKAY BCFR1315 W/SWIVEL TYPE FAUCET
(1) 24" x 24" FIAT MSB2424 MOLDED STONE FLOOR SINK W/8" WALL MOUNTED UTILITY FAUCET #830-AA
TOILETS: (2) HANDICAPPED BOWL TANK TYPE W/OPEN FRONT SEAT
(2) STANDARD AND BOWL W/OPEN FRONT SEAT
MODESTY: (2) STANDARD ENAMELED STEEL MODESTY PARTITION
(2) HANDICAPPED ENAMELED STEEL MODESTY PARTITION W/PULL HANDLE ON INSIDE HINGE SIDE MOUNTED 6" FROM EDGE AND MOUNTED BETWEEN 26"-36" HIGH
ACCES.: (4) TOILET PAPER HOLDER
(2) 18" X 30" UN-FRAMED MIRROR
(2) 18" SST VERTICAL HANDICAPPED GRAB BAR
(2) 36" SST HANDICAPPED GRAB BAR
(2) 24"-36" SWING DOWN CT GRAB BAR
(2) 42" SST HANDICAPPED GRAB BAR

FURNISHINGS:
LAMINATE: (10'-0") 25" DEEP LAMINATE W/4" BACKSLASH (DEEPSTAR FLINT)
CABINETS: LIGHT MEDIUM OAK KITCHEN KOMPACT AS FOLLOWS:
(3) 30" BASE CABINET (36" TO TOP)
(1) 30" SINK BASE CABINET (34" TO TOP, HANDICAPPED)
(2) 30" X 30" WALL CABINET (18" ABOVE CONTER)
(1) 30" X 30" WALL CABINET (14" ABOVE CONTER, HANDICAPPED)
(1) 30" X 18" WALL CABINET
(1) 30" X 18" WALL MICROWAVE CABINET
APPLIANCE: (1) 16.6 CU FT WHITE REFRIGERATOR
(1) 1.3 CU FT WHITE MICROWAVE

DESIGN CODES
2005 STATE BUILDING CODE W/2009 AMENDMENTS
2003 INTERNATIONAL BUILDING CODE
2003 INTERNATIONAL MECHANICAL CODE
2003 INTERNATIONAL PLUMBING CODE
2006 INTERNATIONAL ENERGY CONSERVATION CODE
2003 IIC/ANSI A117.1 ACCESSIBLE AND USABLE BUILDING AND FACULTIES
2005 NATIONAL ELECTRICAL CODE

LEGEND			
SHEET	DESCRIPTION	SHEET	DESCRIPTION
C1	COVER SHEET	M1	MECHANICAL PLAN
C2	COVER PG 2	P1	PLUMBING SCHEMATICS
A1	FLOOR PLAN	S1	CROSS SECTION
A2	EXTERIOR ELEVATIONS	S2	BLOCKING PLAN
A3	REFLECTIVE CEILING	S3	BLOCKING DETAILS
A4	KITCHEN ELEVATION		
E1	ELECTRICAL PLAN		
E2	ELECTRICAL DETAILS		
E3	ELECTRICAL CALC		


Mobile/Modular



INCORPORATED


P.O. BOX 1099
EDGEWOOD, MD 21040
PHONE: (410) 676-3700
FAX: (410) 676-7288

Mobile/Modular



LI

64 HESS ROAD
LEOLA, PA 17450
PHONE: (717) 656-2081
FAX: (717) 656-4349



MODULAR BUILDINGS SYSTEMS

VANGUARD MODULAR

CT FIVE PIECE UNIT

FO6064

50055A10 1-5

ISSUE:	
GENERAL REVISION	1-5-1
GENERAL REVISION	1-13-
SERVICE SINK ADD	2-1-1
DESIGNED: 12/15/09	DRAWN BY: HAS
PRINTED: 6/18/12 12:05PM	DRAWING #:
APPROVED BY:	C1